



BU-112XX.TXT

SEQUENCE LISTING

<110> Trackman, Philip C. et al.
Palamakumbura, Amitha H.
Sonenshein, Gail E.
Jeay, Sebastian

<120> USE OF THE PRO-PEPTIDE DOMAIN OF LYSYL
OXIDASE AS A THERAPEUTIC AGENT

<130> BU-112XX

<140> US 10/585651

<141> 2006-07-07

<150> PCT/US05/000631

<151> 2005-01-06

<150> US 60/536109

<151> 2004-01-13

<160> 8

<170> FastSEQ for windows Version 4.0

<210> 1

<211> 147

<212> PRT

<213> Human

<220>

<221> PROPEP

<222> (22)...(168)

<400> 1

Ala Pro Pro Ala Ala Gly Gln Gln Gln Pro Pro Arg Glu Pro Pro Ala
1 5 10 15
Ala Pro Gly Ala Trp Arg Gln Gln Ile Gln Trp Glu Asn Asn Gly Gln
20 25 30
Val Phe Ser Leu Leu Ser Leu Gly Ser Gln Tyr Gln Pro Gln Arg Arg
35 40 45
Arg Asp Pro Gly Ala Ala Val Pro Gly Ala Ala Asn Ala Ser Ala Gln
50 55 60
Gln Pro Arg Thr Pro Ile Leu Leu Ile Arg Asp Asn Arg Thr Ala Ala
65 70 75 80
Ala Arg Thr Arg Thr Ala Gly Ser Ser Gly Val Thr Ala Gly Arg Pro
85 90 95
Arg Pro Thr Ala Arg His Trp Phe Gln Ala Gly Tyr Ser Thr Ser Arg
100 105 110
Ala Arg Glu Ala Gly Ala Ser Arg Ala Glu Asn Gln Thr Ala Pro Gly
115 120 125
Glu Val Pro Ala Leu Ser Asn Leu Arg Pro Pro Ser Arg Val Asp Gly
130 135 140
Met Val Gly
145

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<211> 141

<212> PRT

<213> Mouse

<220>
 <221> PROPEP
 <222> (22)...(162)

<400> 2
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 1 5 10 15
 Gln Thr Ile Gln Trp Glu Asn Asn Gly Gln Val Phe Ser Leu Leu Ser
 20 25 30
 Leu Gly Ala Gln Tyr Gln Pro Gly Arg Arg Arg Asp Pro Ser Ala Thr
 35 40 45
 Ala Arg Arg Pro Asp Gly Asp Ala Ala Ser Gln Pro Arg Thr Pro Ile
 50 55 60
 Leu Leu Leu Arg Asp Asn Arg Thr Ala Ser Thr Arg Ala Arg Thr Pro
 65 70 75 80
 Ser Pro Ser Gly Val Ala Ala Gly Arg Pro Arg Pro Ala Ala Arg His
 85 90 95
 Trp Phe Gln Ala Gly Phe Ser Pro Ser Gly Ala Arg Asp Gly Ala Ser
 100 105 110
 Arg Arg Ala Ala Asn Arg Thr Ala Ser Pro Gln Pro Pro Gln Leu Ser
 115 120 125
 Asn Leu Arg Pro Pro Ser His Ile Asp Arg Met Val Gly
 130 135 140

<210> 3
 <211> 35
 <212> PRT
 <213> Human

<220>
 <221> PROPEP
 <222> (32)...(66)

<400> 3
 Pro Arg Glu Pro Pro Ala Ala Gln Gly Ala Trp Arg Gln Gln Ile Gln
 1 5 10 15
 Trp Glu Asn Asn Gly Gln Val Phe Ser Leu Leu Ser Leu Gly Ser Gln
 20 25 30
 Tyr Gln Pro
 35

<210> 4
 <211> 35
 <212> PRT
 <213> Mouse

<220>
 <221> PROPEP
 <222> (26)...(60)

<400> 4
 Pro Arg Glu Pro Pro Ala Ala Pro Gly Ala Trp Arg Gln Thr Ile Gly
 1 5 10 15
 Trp Glu Asn Asn Gly Gln Val Phe Ser Leu Leu Ser Leu Gly Ala Gln
 20 25 30
 Tyr Gln Pro
 35

<210> 5

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<211> 35
<212> PRT
<213> Rat

<220>
<221> PROPEP
<222> (26)...(60)

<400> 5
Pro Arg Glu Pro Pro Ala Ala Pro Gly Ala Trp Arg Gln Thr Ile Gln
1 5 10 15
Trp Glu Asn Asn Gly Gln Val Phe Ser Leu Leu Ser Leu Gly Ala Gln
20 25 30
Tyr Gln Pro
35

<210> 6
<211> 38
<212> PRT
<213> Human

<220>
<221> PROPEP
<222> (84)...(121)

<400> 6
Ala Gln Gln Pro Arg Thr Pro Ile Leu Leu Ile Arg Asp Asn Arg Thr
1 5 10 15
Ala Ala Ala Arg Thr Arg Thr Ala Gly Ser Ser Gly Val Thr Ala Gly
20 25 30
Arg Pro Arg Pro Thr Ala
35

<210> 7
<211> 38
<212> PRT
<213> Mouse

<220>
<221> PROPEP
<222> (78)...(115)

<400> 7
Ala Ser Gln Pro Arg Thr Pro Ile Leu Leu Leu Arg Asp Asn Arg Thr
1 5 10 15
Ala Ser Thr Arg Ala Arg Thr Pro Ser Pro Ser Gly Val Ala Ala Gly
20 25 30
Arg Pro Arg Pro Ala Ala
35

<210> 8
<211> 38
<212> PRT
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<220>
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<400> 8

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Ala	Ala	Gln	Pro	Arg	Thr	Pro	Ile	Leu	Leu	Leu	Arg	Asp	Asn	Arg	Thr
1				5				10					15		
Ala	Ser	Ala	Arg	Ala	Arg	Thr	Pro	Ser	Pro	Ser	Gly	Val	Ala	Ala	Gly
			20					25					30		
Arg	Pro	Arg	Pro	Ala	Ala										
			35												